

What is claimed is:

1. A method for wrapping a rubber strip around a forming drum while extruding an unvulcanized rubber strip from an injection device, comprising steps of :

5 pressing said rubber strip by a guide roll against said forming drum under tension while forming a space for absorbing variations in an amount of extrusion of the rubber strip between said guide roll and an extrusion outlet of said injection device;

10 rotating said forming drum in synchronism with extrusion of said rubber strip so that said guide roll is driven; and

wrapping the rubber strip guided by said guide roll around said forming drum.

2. The method for wrapping the rubber strip according to claim 1, further comprising steps of:

15 releasing said guide roll from said forming drum at a final stage of wrapping of the rubber strip to form a clearance between said forming drum and said guide roll; and

cutting off the rubber strip within the clearance.

20 3. The method for wrapping the rubber strip according to claim 2, further comprising a step of pressing a cut end of said rubber strip by a press roll against the forming drum.

25 4. A device for wrapping rubber strip around a forming drum while extruding an unvulcanized rubber strip from an injection device, comprising a guide roll arranged between said injection device and said forming drum through a freely stretchable and contractible arm member along a supplying channel for said rubber strip, wherein said rubber strip is pressed by said guide roll against said forming drum under tension when

said arm is stretched, as well as a space for absorbing variations in an amount of extrusion of the rubber strip is formed between said guide roll and an extrusion outlet of said injection device.

5 5. The method for wrapping the rubber strip according to claim 4, further comprising a cutting device which cuts off the rubber strip within a clearance, said clearance being arranged between the forming drum and the guide roll when the arm member is contracted.

10 6. The method for wrapping the rubber strip according to claim 5, further comprising a press roll for pressing a cut end of said rubber strip against said forming drum provided at the vicinity of said guide roll.

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